

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_NA0016_01_s _ 2013_27				
Comment Code					
Inspector Comment					
District has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	28
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_NA0016_01_s _ 2013_28				
Comment Code					
Inspector Comment					
District maintains a stockpile of flood response material.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	35		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_NA0016_01_s_2013_35						
Comment Code							
Inspector Comment							
District has flood response plans and maintains flood response training.							

No Photos

LM Start	0.08	Rating **	M	Issue No.	104
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.800642 °	38.802413 °
				-121.724723 °	-121.724317 °
DWR ID	DWR_NA0016_01_s_2016_104				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_104_20170320_00052.jpg



View of the tree branches on the waterward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1551
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801471 °	38.801471 °
				-121.725171 °	-121.725171 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10087					
DS_ID:20224					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Headwall on WS undermined about 3-4-feet.					
FIELD_STRUCT_DESC: 1 of 3: 36-inch steel drainage pipe through					
levee 30.0 feet below crown. Flap gate on the waterward end. 24-inch					
pipe sleeved through the 36-inch pipe. Annular space between pipes					
grouted. Pumps in pumphouse with walkway on LS toe. Originally					
included in the 1960 O&M manual.					
FS Date: 3/12/2013					

Photo 1 of 3 : UCIP_SP_2017_10087_17235.jpg



Pumphouse at LS toe.

LM Start	0.14	Rating **	M	Issue No.	1551 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10087_17234.jpg



Air vents at outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1551 (cont)	
LM End	0.14	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.801471 °	38.801471 °	
				-121.725171 °	-121.725171 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10087						
DS_ID:20224						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Headwall on WS undermined about 3-4-feet.						
FIELD_STRUCT_DESC: 1 of 3: 36-inch steel drainage pipe through						
levee 30.0 feet below crown. Flap gate on the waterward end. 24-inch						
pipe sleeved through the 36-inch pipe. Annular space between pipes						
grouted. Pumps in pumphouse with walkway on LS toe. Originally						
included in the 1960 O&M manual.						
FS Date: 3/12/2013						

Photo 3 of 3 : UCIP_SP_2017_10087_17233.jpg



Slide gates at pumphouse on LS toe.

LM Start	0.14	Rating **	M	Issue No.	1552
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801479 °	38.801479 °
				-121.725176 °	-121.725176 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10085					
DS_ID:20356					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Headwall undermined 3-4-feet on WS toe.					
FIELD_STRUCT_DESC: 2 of 3: 36-inch steel drainage pipe through levee 30.0 feet below crown. Flap gate on the waterward end. 24-inch pipe sleeved through the 36-inch pipe. Annular space between pipes grouted. Pumps in pumphouse with walkway on LS toe. Originally included in the 1960 O&M manual.					
FS Date: 3/12/2013					

Photo 1 of 3 : UCIP_SP_2017_10085_17227.jpg



Pump house on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1552 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801479 °	38.801479 °
				-121.725176 °	-121.725176 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10085					
DS_ID:20356					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Headwall undermined 3-4-feet on WS toe.					
FIELD_STRUCT_DESC: 2 of 3: 36-inch steel drainage pipe through					
levee 30.0 feet below crown. Flap gate on the waterward end. 24-inch					
pipe sleeved through the 36-inch pipe. Annular space between pipes					
grouted. Pumps in pumphouse with walkway on LS toe. Originally					
included in the 1960 O&M manual.					
FS Date: 3/12/2013					

Photo 2 of 3 : UCIP_SP_2017_10085_17226.jpg



Air vents on pipes at WS toe.

LM Start	0.14	Rating **	M	Issue No.	1552 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10085_17225.jpg



Slide gates at pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1553
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801491 °	38.801491 °
				-121.725184 °	-121.725184 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10910					
DS_ID:20357					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Headwall undermined 3-4-feet on WS toe.					
FIELD_STRUCT_DESC: 3 of 3: 36-inch steel drainage pipe through					
levee 30.0 feet below crown. Flap gate on the waterward end. 24-inch					
pipe sleeved through the 36-inch pipe. Annular space between pipes					
grouted. Pumps in pumphouse with walkway on LS toe. Originally					
included in the 1960 O&M manual.					
FS Date: 3/12/2013					

Photo 1 of 3 : UCIP_SP_2017_10910_18185.jpg



Pumphouse on LS toe.

LM Start	0.14	Rating **	M	Issue No.	1553 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10910_18184.jpg



Air vents on pipes at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1553 (cont)	
LM End	0.14	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.801491 °	38.801491 °	
				-121.725184 °	-121.725184 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10910						
DS_ID:20357						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Headwall undermined 3-4-feet on WS toe.						
FIELD_STRUCT_DESC: 3 of 3: 36-inch steel drainage pipe through						
levee 30.0 feet below crown. Flap gate on the waterward end. 24-inch						
pipe sleeved through the 36-inch pipe. Annular space between pipes						
grouted. Pumps in pumphouse with walkway on LS toe. Originally						
included in the 1960 O&M manual.						
FS Date: 3/12/2013						

Photo 3 of 3 : UCIP_SP_2017_10910_18183.jpg



Slide gates at pumphouse on LS toe.

LM Start	0.22	Rating **	A/W	Issue No.	1554
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.802293 °	38.802293 °
				-121.724847 °	-121.724847 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10088 DS_ID:20327 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *ABANDONED* 42-inch pipe through levee 28.5 feet below crown. Abandoned in place by plugging with concrete. Headwall on WS toe.Originally included in the 1960 O&M manual. FS Date: 3/12/2013					

Photo 1 of 1 : UCIP_SP_2017_10088_17237.jpg



Concrete headwall visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.34	Rating **	M	Issue No.	203
LM End	3.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.803540 °	38.842909 °	
			-121.724194 °	-121.728861 °	
DWR ID	DWR_NA0016_01_s _ 2017_203				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.34	Rating **	M	Issue No.	202
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.803546 °	38.830847 °	
			-121.724191 °	-121.727972 °	
DWR ID	DWR_NA0016_01_s _ 2017_202				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.38	Rating **	M	Issue No.	204
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.804099 °	38.804099 °	
			-121.724199 °	-121.724199 °	
DWR ID	DWR_NA0016_01_s _ 2017_204				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.41	Rating **	M	Issue No.	205
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.804620 °	38.804620 °
				-121.724195 °	-121.724195 °
DWR ID	DWR_NA0016_01_s_2017_205				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.52	Rating **	M	Issue No.	206
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.806211 °	38.806211 °
				-121.724228 °	-121.724228 °
DWR ID	DWR_NA0016_01_s_2017_206				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow on waterside levee shoulder.					

Photo 1 of 1 : SP_2017_NA0016_435_206_20170417_00332.jpg



Burrow on waterside levee shoulder. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	0.72	Rating **	M	Issue No.	209
LM End	0.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.809056 °	38.809056 °	
			-121.724520 °	-121.724520 °	
DWR ID	DWR_NA0016_01_s _ 2017_209				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.84	Rating **	M	Issue No.	210
LM End	0.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.810702 °	38.810702 °	
			-121.724629 °	-121.724629 °	
DWR ID	DWR_NA0016_01_s _ 2017_210				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.96	Rating **	U	Issue No.	211
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.812460 °	38.812460 °	
			-121.724525 °	-121.724525 °	
DWR ID	DWR_NA0016_01_s _ 2017_211				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large burrow hole on lanside levee slope.					

Photo 1 of 1 : SP_2017_NA0016_435_211_20170417_00333.jpg



Large burrow hole on lanside levee slope. Spring 2017.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	1.28	Rating **	A/W	Issue No.	82
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.817036 °	38.817036 °
				-121.725410 °	-121.725410 °
DWR ID	DWR_NA0016_01_s_2014_82				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_82_20170320_00037.jpg



View of the dying tree on the waterward side of the levee. Monitor trees that could pose a threat to the integrity of the levee. Fall 2015.

LM Start	1.54	Rating **	M	Issue No.	212
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.820885 °	38.820885 °
				-121.724939 °	-121.724939 °
DWR ID	DWR_NA0016_01_s_2017_212				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large burrow hole on lanside levee slope.					

Photo 1 of 1 : SP_2017_NA0016_435_212_20170417_00334.jpg



Large burrow hole on landside levee slope. Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	1.87	Rating **	M	Issue No.	84
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.825534 °	38.825534 °
				-121.724749 °	-121.724749 °
DWR ID	DWR_NA0016_01_s_2014_84				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside levee slope.					

Photo 1 of 2 : SP_2017_NA0016_435_84_20170417_00335.jpg



View of fallen tree on waterside slope, looking towards river. Spring 2017.

LM Start	1.87	Rating **	M	Issue No.	84 (cont)
LM End	1.87	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0016_435_84_20170320_00039.jpg



View of the tree on the waterward side of the levee looking upstream. Spring 2016.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	2.70	Rating **	A/W	Issue No.	150
LM End	2.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.835831 °	38.835831 °
				-121.732077 °	-121.732077 °
DWR ID	DWR_NA0016_01_s_2016_150				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Monitor trees that pose a future threat to the integrity of the levee.					

Photo 1 of 1 : SP_2017_NA0016_435_150_20170320_00075.jpg



View of the tree on the waterward side of the levee looking upstream.
Spring 2016.

LM Start	2.74	Rating **	C	Issue No.	98
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.836454 °	38.836454 °
				-121.732037 °	-121.732037 °
DWR ID	DWR_NA0016_01_f_2015_98				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	3.27	Rating **	M	Issue No.	213
LM End	4.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.842909 °	38.852004 °
				-121.728861 °	-121.726810 °
DWR ID	DWR_NA0016_01_s_2017_213				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.54	Rating **	A/W	Issue No.	1556
LM End	3.54	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.846492 °	38.846492 °
				-121.730066 °	-121.730066 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10125					
DS_ID:20331					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 5'x 5' concrete tunnel through levee 33.0 feet below crown. Slide gate at outlet on WS toe. Tunnel runs from Concrete V-shaped riser on LS shoulder to WS toe. Steel walkway to slide gate acuator on WS berm. Originally included in the 1960 O&M manual.					
FS Date: 3/12/2013					

Photo 1 of 3 : UCIP_SP_2017_10125_17283.jpg



Steel walkway on WS berm with Slide gate actuator.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	3.54	Rating **	A/W	Issue No.	1556 (cont)	
LM End	3.54	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.846492 °	38.846492 °	
				-121.730066 °	-121.730066 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10125						
DS_ID:20331						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 5'x 5' concrete tunnel through levee 33.0 feet below crown. Slide gate at outlet on WS toe. Tunnel runs from Concrete V-shaped riser on LS shoulder to WS toe. Steel walkway to slide gate acuator on WS berm. Originally included in the 1960 O&M manual.						
FS Date: 3/12/2013						

Photo 2 of 3 : UCIP_SP_2017_10125_17282.jpg



Pumphouse at LS toe and concrete riser on LS shoulder.

LM Start	3.54	Rating **	A/W	Issue No.	1556 (cont)
LM End	3.54	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_10125_17281.jpg



Slide gate at outlet at river side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	4.18	Rating **	M	Issue No.	214
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.851990 °	38.859758 °	
			-121.727669 °	-121.735341 °	
DWR ID	DWR_NA0016_01_s_2017_214				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.85	Rating **	C	Issue No.	124
LM End	4.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.859555 °	38.859555 °	
			-121.733555 °	-121.733555 °	
DWR ID	DWR_NA0016_01_f_2016_124				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	M	Issue No.	217
LM End	10.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.863290 °	38.870263 °	
			-121.744286 °	-121.805292 °	
DWR ID	DWR_NA0016_01_s_2017_217				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	5.49	Rating **	M	Issue No.	218
LM End	10.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.863290 °	38.870263 °
				-121.744286 °	-121.805292 °
DWR ID	DWR_NA0016_01_s_2017_218				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.31	Rating **	C	Issue No.	154
LM End	6.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.869088 °	38.869088 °
				-121.753220 °	-121.753220 °
DWR ID	DWR_NA0016_01_s_2016_154				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	6.71	Rating **	M	Issue No.	219
LM End	6.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.866310 °	38.866310 °
				-121.758467 °	-121.758467 °
DWR ID	DWR_NA0016_01_s_2017_219				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
LMA placed raincoat to prevent further erosion.					

No Photos

LM Start	7.80	Rating **	N	Issue No.	116
LM End	8.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.861357 °	38.856379 °
				-121.768641 °	-121.781943 °
DWR ID	DWR_NA0016_01_f_2015_116				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_116_20170320_00065.jpg

View of the tree stumps along the landward levee toe looking upstream.
Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	7.93	Rating **	M	Issue No.	221
LM End	7.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.860786 °	38.860786 °	
			-121.770823 °	-121.770823 °	
DWR ID	DWR_NA0016_01_s _ 2017_221				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	8.49	Rating **	M	Issue No.	223
LM End	8.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.858131 °	38.858131 °	
			-121.780109 °	-121.780109 °	
DWR ID	DWR_NA0016_01_s _ 2017_223				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	8.72	Rating **	M	Issue No.	225
LM End	8.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.855784 °	38.855784 °	
			-121.783057 °	-121.783057 °	
DWR ID	DWR_NA0016_01_s _ 2017_225				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	8.89	Rating **	A/W	Issue No.	1562
LM End	8.89	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856531 °	38.856531 °
				-121.785605 °	-121.785605 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10146 DS_ID:20230 EP_NO: 9376 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 4: 54-inch steel pipe encased in concrete through levee 26.5 feet below crown. (Permit No. 9376, 1960). Gate valves on waterward ends of the pipes. Walkway provided to the control valves and around pumphouse on LS. Pipes originate in a large concrete pool at pumphouse on LS. Originally included in the 1960 O&M manual. FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10146_17312.jpg



Pumphouse on LS toe.

LM Start	8.89	Rating **	A/W	Issue No.	1562 (cont)
LM End	8.89	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10146_17311.jpg



Walkway to slide gate actuators on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	8.89	Rating **	A/W	Issue No.	1562 (cont)
LM End	8.89	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856531 °	38.856531 °
				-121.785605 °	-121.785605 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10146 DS_ID:20230 EP_NO: 9376 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 4: 54-inch steel pipe encased in concrete through levee 26.5 feet below crown. (Permit No. 9376, 1960). Gate valves on waterward ends of the pipes. Walkway provided to the control valves and around pumphouse on LS. Pipes originate in a large concrete pool at pumphouse on LS. Originally included in the 1960 O&M manual. FS Date: 3/13/2013					

Photo 3 of 3 : UCIP_SP_2017_10146_17310.jpg



Pipes at outlet on WS toe.

LM Start	8.90	Rating **	A/W	Issue No.	1563
LM End	8.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856554 °	38.856554 °
				-121.785613 °	-121.785613 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10147					
DS_ID:20361					
EP_NO: 9376					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 4: 54-inch steel discharge pipe encased in concrete through levee 26.5 feet below crown. (Permit No. 9376, 1960) Gate valves on both ends of the pipes. Walkway provided to the gate valves on WS shoulder. Originally included in the 1960 O&M manual. Pipe not visible on LS toe.					
FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10147_17316.jpg



Pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1563 (cont)	
LM End	8.90	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.856554 °	38.856554 °	
				-121.785613 °	-121.785613 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10147						
DS_ID:20361						
EP_NO: 9376						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 4: 54-inch steel discharge pipe encased in concrete through levee 26.5 feet below crown. (Permit No. 9376, 1960) Gate valves on both ends of the pipes. Walkway provided to the gate valves on WS shoulder. Originally included in the 1960 O&M manual. Pipe not visible on LS toe.						
FS Date: 3/13/2013						

Photo 2 of 3 : UCIP_SP_2017_10147_17315.jpg



Walkway to slide gate actuators on WS shoulder.

LM Start	8.90	Rating **	A/W	Issue No.	1563 (cont)
LM End	8.90	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10147_17314.jpg



Slide gates and pipes at outlet structure on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1564
LM End	8.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856572 °	38.856572 °
				-121.785620 °	-121.785620 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10148					
DS_ID:20362					
EP_NO: 9376					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 of 4: 54-inch steel discharge pipe encased in concrete through levee 26.5 feet below crown. (Permit No. 9376, 1960). Gate valves on both ends of the pipes. Walkway provided to the control valves in pump house. Originally included in the 1960 O&M manual.					
FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10148_17320.jpg



Pumphouse on LS.

LM Start	8.90	Rating **	A/W	Issue No.	1564 (cont)
LM End	8.90	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10148_17319.jpg



Slide gate actuators on platform at WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1565 (cont)	
LM End	8.90	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.856608 °	38.856608 °	
				-121.785622 °	-121.785622 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10149						
DS_ID:20363						
EP_NO: 9376						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 4 of 4: 54-inch steel discharge pipe encased						
in concrete through levee 26.5 feet below crown. (Permit No. 9376,						
1960) Gate valves on both ends of the pipes. Walkway provided to the						
control valves. Originally included in the 1960 O&M manual.						
FS Date: 3/13/2013						

Photo 2 of 3 : UCIP_SP_2017_10149_17323.jpg



Slide gate actuators on platform at WS shoulder.

LM Start	8.90	Rating **	A/W	Issue No.	1565 (cont)
LM End	8.90	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10149_17322.jpg



Pipes and slide gates at outlet on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.16	Rating **	C	Issue No.	92
LM End	9.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.860284 °	38.860284 °
				-121.784788 °	-121.784788 °
DWR ID	DWR_NA0016_01_s_2015_92				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	9.62	Rating **	M	Issue No.	226
LM End	9.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.862422 °	38.862422 °
				-121.790305 °	-121.790305 °
DWR ID	DWR_NA0016_01_s_2017_226				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow on landside levee slope.					

Photo 1 of 1 : SP_2017_NA0016_435_226_20170417_00340.jpg



Rodent burrow on landside levee slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.68	Rating **	A/W	Issue No.	29
LM End	9.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.862345 °	38.862848 °
				-121.791337 °	-121.793267 °
DWR ID	DWR_NA0016_01_s_2012_29				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0016_435_29_20170320_00021.jpg



View of the revegetation site on the waterward side of the levee looking upstream. Spring 2016.

LM Start	9.68	Rating **	A/W	Issue No.	29 (cont)
LM End	9.79	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_NA0016_435_29_20170320_00022.jpg



Revegetation site sign. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.75	Rating **	A/W	Issue No.	1567
LM End	9.75	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862619 °	38.862619 °
				-121.792510 °	-121.792510 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10163 DS_ID:20415 EP_NO: 680 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch steel pipe through levee 17.5 feet below crown. Screw gate on the waterward end. Pump on platform in canal on LS toe. 12-inch standpipe along alignment on LS toe. (Permit No. 680, 1936). Staff gauge to 47.0 feet on structure. Included in the 1960 O&M manual. FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10163_17342.jpg



Pipe at outlet on WS toe.

LM Start	9.75	Rating **	A/W	Issue No.	1567 (cont)
LM End	9.75	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10163_17341.jpg



12-inch steel standpipe at LS toe with 36-inch steel riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.75	Rating **	A/W	Issue No.	1568 (cont)
LM End	9.75	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862615 °	38.862615 °
				-121.792582 °	-121.792582 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10164					
DS_ID:20232					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 5: 60-inch concrete culverts through levee					
35.0 feet below crown. Screw gates on walkway at waterside shoulder.					
(O&M, 1960). Staff gauge to 47.0 feet on structure.					
FS Date: 3/13/2013					

Photo 2 of 3 : UCIP_SP_2017_10164_17344.jpg



Pipes at entrance to pumping plant building on LS toe.

LM Start	9.75	Rating **	A/W	Issue No.	1568 (cont)
LM End	9.75	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10164_17343.jpg



Slide gate actuators on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1569 (cont)
LM End	9.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862624 °	38.862624 °
				-121.792626 °	-121.792626 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10165					
DS_ID:20364					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 5: 60-inch concrete culverts through levee					
35.0 feet below crown. Screw gate actuators on metal platform at					
waterward shoulder. Large pumping plant building on LS shoulder.					
Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet					
on structure.					
FS Date: 3/13/2013					

Photo 3 of 3 : UCIP_SP_2017_10165_17346.jpg



Pumphouse on LS.

LM Start	9.76	Rating **	A/W	Issue No.	1570
LM End	9.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862633 °	38.862633 °
				-121.792669 °	-121.792669 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10168 DS_ID:20365 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 5: 60-inch concrete culverts through levee 35.0 feet below crown. Screw gate actuators on metal platform at waterward shoulder. Large pumping plant building on LS shoulder. Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet on structure. FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10168_17360.jpg



Slide gate and concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1570 (cont)
LM End	9.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862633 °	38.862633 °
				-121.792669 °	-121.792669 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10168					
DS_ID:20365					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 of 5: 60-inch concrete culverts through levee					
35.0 feet below crown. Screw gate actuators on metal platform at					
waterward shoulder. Large pumping plant building on LS shoulder.					
Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet					
on structure.					
FS Date: 3/13/2013					

Photo 2 of 3 : UCIP_SP_2017_10168_17359.jpg



Pipe at inlet to pumphouse on LS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1570 (cont)
LM End	9.76	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10168_17358.jpg



Pumphouse on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1571
LM End	9.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862642 °	38.862642 °
				-121.792713 °	-121.792713 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10167					
DS_ID:20366					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 4 of 5: 60-inch concrete culverts through levee					
35.0 feet below crown. Screw gate actuators on metal platform at					
waterward shoulder. Large pumping plant building on LS shoulder.					
Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet					
on structure.					
FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10167_17352.jpg



Slide gates and headwall at WS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1571 (cont)
LM End	9.76	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10167_17351.jpg



Pipes at inlet to pumping plant on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1571 (cont)	
LM End	9.76	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.862642 °	38.862642 °	
				-121.792713 °	-121.792713 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10167						
DS_ID:20366						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 4 of 5: 60-inch concrete culverts through levee						
35.0 feet below crown. Screw gate actuators on metal platform at						
waterward shoulder. Large pumping plant building on LS shoulder.						
Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet						
on structure.						
FS Date: 3/13/2013						

Photo 3 of 3 : UCIP_SP_2017_10167_17350.jpg



Pumping plant on LS.

LM Start	9.76	Rating **	A/W	Issue No.	1572
LM End	9.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862650 °	38.862650 °
				-121.792754 °	-121.792754 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10169 DS_ID:20367 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 5 of 5: 60-inch concrete culverts through levee 35.0 feet below crown. Screw gate actuators on metal platform at waterward shoulder. Large pumping plant building on LS shoulder. Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet on structure. FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2017_10169_17364.jpg



Slide gates and concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1572 (cont)
LM End	9.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862650 °	38.862650 °
				-121.792754 °	-121.792754 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10169					
DS_ID:20367					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 5 of 5: 60-inch concrete culverts through levee					
35.0 feet below crown. Screw gate actuators on metal platform at					
waterward shoulder. Large pumping plant building on LS shoulder.					
Originally included in the 1960 O&M manual. Staff gauge to 47.0 feet					
on structure.					
FS Date: 3/13/2013					

Photo 2 of 3 : UCIP_SP_2017_10169_17363.jpg



pipes at entrance to pumphouse on LS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1572 (cont)
LM End	9.76	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10169_17362.jpg



Pumphouse on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	11.43	Rating **	M	Issue No.	227
LM End	13.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.873740 °	38.903612 °	
			-121.812649 °	-121.805881 °	
DWR ID	DWR_NA0016_01_s _ 2017_227				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	11.43	Rating **	M	Issue No.	229
LM End	13.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.873740 °	38.904765 °	
			-121.812649 °	-121.806444 °	
DWR ID	DWR_NA0016_01_s _ 2017_229				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	11.50	Rating **	M	Issue No.	7
LM End	11.53	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.874854 °	38.875109 °	
			-121.813018 °	-121.813592 °	
DWR ID	DWR_NA0016_01_s _ 2016_7				
Comment Code					
Inspector Comment					
1997 - Toe damage and loss of cobble revetment and small patch of local damage to the cobble revetment. 2000 - Cohesive vertical toe; revegetation site. 2015: No observed changes. [2015 Site ID: SAC_101-3_R]					

Photo 1 of 1 : SP_2017_NA0016_435_7_20170320_00007.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	13.98	Rating **	C	Issue No.	167
LM End	13.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.904886 °	38.904886 °
				-121.806490 °	-121.806490 °
DWR ID	DWR_NA0016_01_s_2017_167				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Foxhole is close to the levee toe.					

No Photos

LM Start	14.72	Rating **	C	Issue No.	120
LM End	14.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.911576 °	38.911576 °
				-121.816376 °	-121.816376 °
DWR ID	DWR_NA0016_01_f_2016_120				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	17.61	Rating **	M	Issue No.	232
LM End	18.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.940014 °	38.951462 °
				-121.832406 °	-121.838279 °
DWR ID	DWR_NA0016_01_s _ 2017_232				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.61	Rating **	M	Issue No.	231
LM End	18.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.940016 °	38.951462 °
				-121.832411 °	-121.838282 °
DWR ID	DWR_NA0016_01_s _ 2017_231				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.64	Rating **	M	Issue No.	233
LM End	17.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.940171 °	38.940171 °
				-121.832771 °	-121.832771 °
DWR ID	DWR_NA0016_01_s _ 2017_233				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow on landside levee slope.					

Photo 1 of 1 : SP_2017_NA0016_435_233_20170417_00341.jpg



Rodent burrow on landside levee slope. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	18.48	Rating **	C	Issue No.	113
LM End	18.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.950585 °	38.950585 °
				-121.837952 °	-121.837952 °
DWR ID	DWR_NA0016_01_f_2016_113				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	18.70	Rating **	M	Issue No.	182
LM End	21.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.953219 °	38.981885 °
				-121.840199 °	-121.821827 °
DWR ID	DWR_NA0016_01_s_2017_182				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	18.70	Rating **	M	Issue No.	183
LM End	21.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.953220 °	38.981884 °
				-121.840198 °	-121.821826 °
DWR ID	DWR_NA0016_01_s_2017_183				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	18.71	Rating **	C	Issue No.	128
LM End	18.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.953270 °	38.953270 °
				-121.840232 °	-121.840232 °
DWR ID	DWR_NA0016_01_f_2015_128				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.76	Rating **	M	Issue No.	10
LM End	18.78	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.954060 °	38.954312 °
				-121.840560 °	-121.840774 °
DWR ID	DWR_NA0016_01_s_2016_10				
Comment Code					
Inspector Comment					
2009 - Minor erosion, should be repaired under maintenance. 2011 - Some new minor erosion at the toe. 2015: No observed changes. [2015 Site ID: SAC_111-0_R]					

Photo 1 of 1 : SP_2017_NA0016_435_10_20170320_00010.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	18.92	Rating **	M	Issue No.	186
LM End	18.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.955896 °	38.955896 °
				-121.840712 °	-121.840712 °
DWR ID	DWR_NA0016_01_s _ 2017_186				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	19.04	Rating **	M	Issue No.	185
LM End	19.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.956618 °	38.956618 °
				-121.838748 °	-121.838748 °
DWR ID	DWR_NA0016_01_s _ 2017_185				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	20.55	Rating **	M	Issue No.	184
LM End	20.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.973506 °	38.973506 °
				-121.828660 °	-121.828660 °
DWR ID	DWR_NA0016_01_s _ 2017_184				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	21.89	Rating **	M	Issue No.	179
LM End	21.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.988449 °	38.988449 °
				-121.820009 °	-121.820009 °
DWR ID	DWR_NA0016_01_s _ 2016_179				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_179_20170320_00095.jpg



View of the rodent hole on the landward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	22.89	Rating **	C	Issue No.	130
LM End	22.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.990324 °	38.990324 °
				-121.801905 °	-121.801905 °
DWR ID	DWR_NA0016_01_f_2015_130				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	23.16	Rating **	M	Issue No.	181
LM End	23.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.992966 °	38.998362 °
				-121.798268 °	-121.800543 °
DWR ID	DWR_NA0016_01_s_2017_181				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	23.16	Rating **	M	Issue No.	178
LM End	25.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.992966 °	39.012023 °
				-121.798268 °	-121.828084 °
DWR ID	DWR_NA0016_01_s_2017_178				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	23.55	Rating **	M	Issue No.	11
LM End	23.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.997696 °	38.998336 °
				-121.797584 °	-121.799298 °
DWR ID	DWR_NA0016_01_s_2016_11				
Comment Code					
Inspector Comment					
2008 - Slippage of cobbles off hard underlying toe material. 2011 - Minor slumping site. 2012 - Failing cobble site, site extended upstream. 2015: No observed changes. [2015 Site ID: SAC_115-9_R]					

Photo 1 of 1 : SP_2017_NA0016_435_11_20170320_00011.jpg



USACE 2013 Photo #1

LM Start	24.16	Rating **	M	Issue No.	180
LM End	25.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.002891 °	39.012023 °
				-121.806398 °	-121.828084 °
DWR ID	DWR_NA0016_01_s_2017_180				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.56	Rating **	A/W	Issue No.	1579
LM End	25.56	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012322 °	39.012322 °
				-121.827892 °	-121.827892 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10271					
DS_ID:20252					
EP_NO: 9354					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 6: 5'x5' reinforced concrete culverts					
through levee 40.0 feet below crown (App. No. 9354, 1960). Control					
gates on the landward and waterward shoulder. Pumps on the					
waterward berm.					
FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10271_17501.jpg



Pumphouse on WS shoulder.

LM Start	25.56	Rating **	A/W	Issue No.	1579 (cont)
LM End	25.56	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10271_17500.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.56	Rating **	A/W	Issue No.	1579 (cont)
LM End	25.56	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012322 °	39.012322 °
				-121.827892 °	-121.827892 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10271 DS_ID:20252 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (App. No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013					

Photo 3 of 3 : UCIP_SP_2017_10271_17499.jpg



Walkway and gates at LS toe.

LM Start	25.57	Rating **	A/W	Issue No.	1580
LM End	25.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012336 °	39.012336 °
				-121.827902 °	-121.827902 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10284 DS_ID:20370 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (Permit No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10284_17530.jpg



Pumphouse on WS shoulder

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1580 (cont)	
LM End	25.57	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.012336 °	39.012336 °	
				-121.827902 °	-121.827902 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10284 DS_ID:20370 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (Permit No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013						

Photo 2 of 3 : UCIP_SP_2017_10284_17529.jpg



Slide gates on LS shoulder.

LM Start	25.57	Rating **	A/W	Issue No.	1580 (cont)
LM End	25.57	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10284_17528.jpg



Walkway and gates in canal at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1581
LM End	25.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012350 °	39.012350 °
				-121.827912 °	-121.827912 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10273 DS_ID:20371 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (Permit No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10273_17504.jpg



Pumphouse on WS shoulder.

LM Start	25.57	Rating **	A/W	Issue No.	1581 (cont)
LM End	25.57	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10273_17503.jpg



Slide gates on LS shoulder

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1581 (cont)	
LM End	25.57	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.012350 °		39.012350 °
				-121.827912 °		-121.827912 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10273 DS_ID:20371 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (Permit No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2017_10273_17502.jpg



Walkway and gates on LS toe.

LM Start	25.57	Rating **	A/W	Issue No.	1582
LM End	25.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012365 °	39.012365 °
				-121.827921 °	-121.827921 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10277 DS_ID:20372 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (Permit No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10277_17516.jpg



Pumphouse on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1582 (cont)	
LM End	25.57	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.012365 °		39.012365 °
				-121.827921 °		-121.827921 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10277 DS_ID:20372 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 6: 5'x5' reinforced concrete culverts through levee 40.0 feet below crown (Permit No. 9354, 1960). Control gates on the landward and waterward shoulder. Pumps on the waterward berm. FS Date: 3/14/2013						

Photo 2 of 3 : UCIP_SP_2017_10277_17515.jpg



Slide gates on LS shoulder.

LM Start	25.57	Rating **	A/W	Issue No.	1582 (cont)
LM End	25.57	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10277_17514.jpg



Walkway and gates along LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1583
LM End	25.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012383 °	39.012383 °
				-121.827921 °	-121.827921 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10278					
DS_ID:20373					
EP_NO: 9354					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 5 of 6: 5'x5' reinforced concrete culverts					
through levee 40.0 feet below crown (Permit No. 9354, 1960). Control					
gates on the landward and waterward shoulder. Pumps on the					
waterward berm.					
FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10278_17519.jpg



Pumphouse on WS shoulder.

LM Start	25.57	Rating **	A/W	Issue No.	1583 (cont)
LM End	25.57	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10278_17518.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1583 (cont)	
LM End	25.57	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.012383 °	39.012383 °	
				-121.827921 °	-121.827921 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10278						
DS_ID:20373						
EP_NO: 9354						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 5 of 6: 5'x5' reinforced concrete culverts						
through levee 40.0 feet below crown (Permit No. 9354, 1960). Control						
gates on the landward and waterward shoulder. Pumps on the						
waterward berm.						
FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2017_10278_17517.jpg



Walkway and gates on LS toe at canal.

LM Start	25.57	Rating **	A/W	Issue No.	1584
LM End	25.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012401 °	39.012401 °
				-121.827925 °	-121.827925 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10276					
DS_ID:20374					
EP_NO: 9354					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 6 of 6: 5'x5' reinforced concrete culverts					
through levee 40.0 feet below crown (Permit No. 9354, 1960). Control					
gates on the landward and waterward shoulder. Pumps on the					
waterward berm.					
FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10276_17513.jpg



Pumphouse on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1584 (cont)
LM End	25.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012401 °	39.012401 °
				-121.827925 °	-121.827925 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10276					
DS_ID:20374					
EP_NO: 9354					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 6 of 6: 5'x5' reinforced concrete culverts					
through levee 40.0 feet below crown (Permit No. 9354, 1960). Control					
gates on the landward and waterward shoulder. Pumps on the					
waterward berm.					
FS Date: 3/14/2013					

Photo 2 of 3 : UCIP_SP_2017_10276_17512.jpg



Slide gates on LS shoulder.

LM Start	25.57	Rating **	A/W	Issue No.	1584 (cont)
LM End	25.57	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10276_17511.jpg



Walkway and gates at canal on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	25.75	Rating **	A/W	Issue No.	12
LM End	25.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.014499 °	39.016401 °
				-121.825880 °	-121.824230 °
DWR ID	DWR_NA0016_01_s_2016_12				
Comment Code					
Inspector Comment					
2008 - Whole bank is eroding, nearly vertical slope with cohesive toe. Bed is very deep along the toe (greater than 30 ft deep at 20 ft from the shore). 2011 - Some new minor erosion. 2015: No observed changes. [2015 Site ID: SAC_118-0_R]					

Photo 1 of 1 : SP_2017_NA0016_435_12_20170320_00012.jpg



USACE 2013 Photo #1

LM Start	25.97	Rating **	M	Issue No.	138
LM End	27.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.017307 °	39.034252 °
				-121.824029 °	-121.833336 °
DWR ID	DWR_NA0016_01_s_2017_138				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_138_20170414_00313.jpg



Tall vegetation on the landward levee slope. Spring 2017.

LM Start	26.14	Rating **	U	Issue No.	140
LM End	26.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.019437 °	39.019437 °
				-121.822451 °	-121.822451 °
DWR ID	DWR_NA0016_01_s_2017_140				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_140_20170414_00314.jpg



Large burrow on landside levee slope. Most likely foxes. Spring 2017.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	26.56	Rating **	M	Issue No.	141
LM End	26.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.025368 °	39.029879 °
				-121.823414 °	-121.824327 °
DWR ID	DWR_NA0016_01_s_2017_141				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_141_20170414_00315.jpg



Tall vegetation on waterside slope. Spring 2017.

LM Start	27.17	Rating **	M	Issue No.	142
LM End	27.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.031274 °	39.034251 °
				-121.829274 °	-121.833336 °
DWR ID	DWR_NA0016_01_s_2017_142				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_142_20170414_00316.jpg



Tall vegetation on landside slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	27.22	Rating **	N	Issue No.	143
LM End	27.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.031406 °	39.031406 °
				-121.830245 °	-121.830245 °
DWR ID	DWR_NA0016_01_s_2017_143				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Two stumps on waterside levee toe.					

Photo 1 of 1 : SP_2017_NA0016_435_143_20170414_00317.jpg



Two stumps at waterside toe. Spring 2017.

LM Start	27.54	Rating **	M	Issue No.	1588
LM End	27.54	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.034870 °	39.034870 °
				-121.833501 °	-121.833501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10291 DS_ID:20257 EP_NO: 9355 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 24-inch steel pipe through levee 14.0 feet below crown. Slide gate on the waterward end, gate valve on the landward end (ABO No. 9355, 1960). Originally included in the 1960 O&M manual. FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2017_10291_17548.jpg



Gate valve buried on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	27.54	Rating **	M	Issue No.	1588 (cont)
LM End	27.54	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.034870 °	39.034870 °
				-121.833501 °	-121.833501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10291 DS_ID:20257 EP_NO: 9355 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 24-inch steel pipe through levee 14.0 feet below crown. Slide gate on the waterward end, gate valve on the landward end (ABO No. 9355, 1960). Originally included in the 1960 O&M manual. FS Date: 3/14/2013					

Photo 2 of 3 : UCIP_SP_2017_10291_17547.jpg



Gate valve buried on LS toe.

LM Start	27.54	Rating **	M	Issue No.	1588 (cont)
LM End	27.54	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10291_17546.jpg



Excavation at WS toe where pipe should be.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	27.89	Rating **	M	Issue No.	145
LM End	33.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.039496 °	39.080303 °	
			-121.833311 °	-121.896030 °	
DWR ID	DWR_NA0016_01_s _ 2017_145				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	27.89	Rating **	M	Issue No.	147
LM End	32.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.039496 °	39.070208 °	
			-121.833312 °	-121.883894 °	
DWR ID	DWR_NA0016_01_s _ 2017_147				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	28.64	Rating **	A/W	Issue No.	1590
LM End	28.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.048281 °	39.048281 °
				-121.841084 °	-121.841084 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10306 DS_ID:20341 EP_NO: 9358 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 6: 16-inch steel storm drain pipe through levee 8.5 feet below crown. Siphon breaker in 24-inch corrugated metal riser unit on the Waterward slope. Pump in pump house on the landward side. Overhead power line crosses the levee. Pole on the landward shoulder (Permit No. 9358, 1960). Originally included in the 1960 O&M manual. FS Date: 3/15/2013					

Photo 1 of 3 : UCIP_SP_2017_10306_17566.jpg



Gate valve under pumphouse on LS toe.

LM Start	28.64	Rating **	A/W	Issue No.	1590 (cont)
LM End	28.64	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10306_17565.jpg



Pumphouse and sump on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	29.23	Rating **	M	Issue No.	148
LM End	29.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.056690 °	39.056690 °
				-121.840852 °	-121.840852 °
DWR ID	DWR_NA0016_01_s_2017_148				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_148_20170414_00319.jpg



Downed tree on waterside slope. Spring 2017.

LM Start	29.69	Rating **	A/W	Issue No.	2
LM End	29.73	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.063209 °	39.063997 °
				-121.838927 °	-121.839335 °
DWR ID	DWR_NA0016_01_s_2016_2				
Comment Code					
Inspector Comment					
1997 - Mass failure of the lower cohesive bank and toe. 2000 - Still eroding, steeply dipping foresets in the toe are falling off. 2010 - Some new erosion and some new deposition. Eddy current off the upstream rock. 2011 - Still plenty of berm left. 2015: No observed changes. [2015 Site ID: SAC_122-0_R]					

Photo 1 of 1 : SP_2017_NA0016_435_2_20170320_00002.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

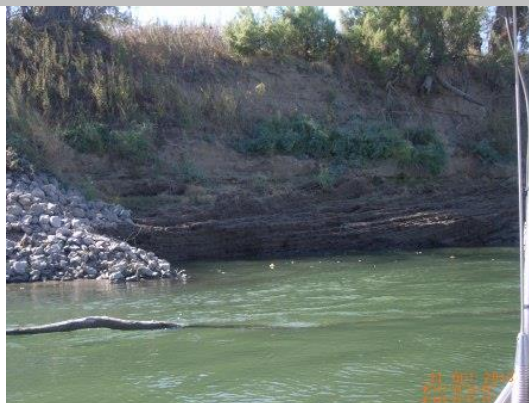
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	29.96	Rating **	M	Issue No.	13
LM End	30.00	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.065886 °	39.066287 °
				-121.842950 °	-121.843602 °
DWR ID	DWR_NA0016_01_s_2016_13				
Comment Code					
Inspector Comment					
2002 - Upstream end has recent slope failure and exposure of tree roots. 2003 - Some new minor slope erosion with new snags on the bank. 2004 - Appears a little worse. 2005 - Scallop in bank at the upstream end looks worse. 2009 - Minimal new erosion, Berm width is still large, but one large event or one fallen tree and it could go fast. 2010 - New erosion, bank is nearly all vertical from slumping. Site looks bad. 2011 - Site continues to look bad. 2012 - Minor new erosion. 2015: Undermining of toe rock. [2015 Site ID: SAC_122-3_R]					

Photo 1 of 1 : SP_2017_NA0016_435_13_20170320_00013.jpg



USACE 2013 Photo #1

LM Start	30.28	Rating **	U	Issue No.	79
LM End	30.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.068949 °	39.068949 °
				-121.847551 °	-121.847551 °
DWR ID	DWR_NA0016_01_f_2016_79				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0016_435_79_20170414_00320.jpg



Large animal burrow on landside slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	30.28	Rating **	U	Issue No.	79 (cont)	
LM End	30.28	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			39.068949 °		39.068949 °
				-121.847551 °		-121.847551 °
DWR ID	DWR_NA0016_01_f_2016_79					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2017_NA0016_435_79_20170320_00034.jpg



Burrows on landside slope. Fall 2016 inspection.

LM Start	30.96	Rating **	M	Issue No.	151
LM End	30.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.067836 °	39.067836 °
				-121.858386 °	-121.858386 °
DWR ID	DWR_NA0016_01_s_2017_151				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree downed on waterside slope.					

Photo 1 of 1 : SP_2017_NA0016_435_151_20170414_000321.jpg



Downed tree on waterside levee slope, looking towards river. Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

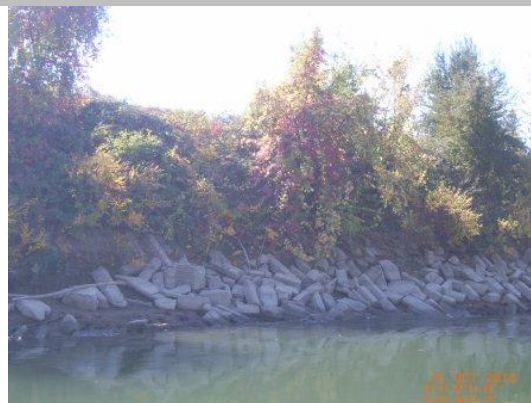
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	31.43	Rating **	M	Issue No.	17
LM End	31.45	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.067004 °	39.066901 °
				-121.866913 °	-121.867322 °
DWR ID	DWR_NA0016_01_s_2016_17				
Comment Code					
Inspector Comment					
1997 - Erosion into the levee section; old concrete rubble loss at toe; transition between the rock upstream and the cobble downstream. 2000 - Cohesive bench with concrete slabs on top; 25 ft deep scour hole on the downstream end. 2015: No observed changes. [2015 Site ID: SAC 123-7 R]					

Photo 1 of 1 : SP_2017_NA0016_435_17_20170320_00016.jpg



USACE 2013 Photo #1

LM Start	31.61	Rating **	M	Issue No.	80
LM End	31.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.066176 °	39.066176 °
				-121.870146 °	-121.870146 °
DWR ID	DWR_NA0016_01_f_2016_80				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_80_20170320_00035.jpg



Slope stability issue at the wall of the building. Waterside slope. Fall 2016 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	32.03	Rating **	M	Issue No.	41
LM End	32.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.069130 °	39.069130 °
				-121.876638 °	-121.876638 °
DWR ID	DWR_NA0016_01_s _ 2012_41				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

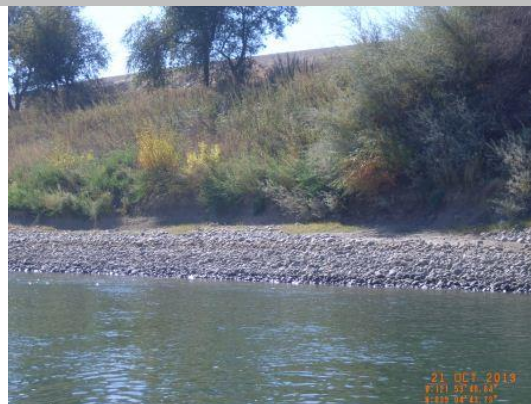
No Photos

LM Start	32.87	Rating **	M	Issue No.	155
LM End	33.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.073081 °	39.078216 °
				-121.891147 °	-121.895023 °
DWR ID	DWR_NA0016_01_s _ 2017_155				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	33.29	Rating **	A/W	Issue No.	5
LM End	33.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.078340 °	39.079351 °
				-121.894656 °	-121.895317 °
DWR ID	DWR_NA0016_01_s _ 2016_5				
Comment Code					
Inspector Comment					
2008 - Slow erosion of the hard toe. 2010 - Cobble rubble is failing, erosion is into the toe of the levee, with vertical slumping. 2012 - Site appears to be relatively stable. 2013 - New animal holes. 2015: No observed changes. [2015 Site ID: SAC_125-6_R]					

Photo 1 of 1 : SP_2017_NA0016_435_5_20170320_00005.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	34.01	Rating **	M	Issue No.	158
LM End	36.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.087206 °	39.116696 °
				-121.896500 °	-121.914541 °
DWR ID	DWR_NA0016_01_s _ 2017_158				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	34.01	Rating **	M	Issue No.	159
LM End	36.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.087206 °	39.116698 °
				-121.896500 °	-121.914538 °
DWR ID	DWR_NA0016_01_s _ 2017_159				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	34.04	Rating **	C	Issue No.	88
LM End	34.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.087643 °	39.087643 °	
			-121.896479 °	-121.896479 °	
DWR ID	DWR_NA0016_01_f_2016_88				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	34.22	Rating **	C	Issue No.	89
LM End	34.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.090248 °	39.090248 °	
			-121.895788 °	-121.895788 °	
DWR ID	DWR_NA0016_01_f_2016_89				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	34.49	Rating **	M	Issue No.	164
LM End	34.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.094070 °	39.094070 °	
			-121.894876 °	-121.894876 °	
DWR ID	DWR_NA0016_01_s_2017_164				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_164_20170417_00326.jpg



Fallen tree on landside levee slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	34.49	Rating **	M	Issue No.	165
LM End	34.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.094072 °	39.094072 °
				-121.894877 °	-121.894877 °
DWR ID	DWR_NA0016_01_s_2017_165				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_165_20170417_00325.jpg



Fallen tree on waterside slope, looking towards river. Spring 2017.

LM Start	34.72	Rating **	A/W	Issue No.	1597
LM End	34.72	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.095621 °	39.095621 °
				-121.897340 °	-121.897340 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10406 DS_ID:20270 EP_NO: 494 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through levee 23.0 feet below crown. Slide gate on concrete headwall on the waterward end. Walkway provided to control gate. (Permit No. 494, 1930). Included in the 1960 O&M manual and ABO 9363. FS Date: 3/18/2013					

Photo 1 of 3 : UCIP_SP_2017_10406_17666.jpg



Walkway to slidegate on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	34.72	Rating **	A/W	Issue No.	1597 (cont)	
LM End	34.72	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.095621 °	39.095621 °	
				-121.897340 °	-121.897340 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10406						
DS_ID:20270						
EP_NO: 494						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe						
through levee 23.0 feet below crown. Slide gate on concrete headwall						
on the waterward end. Walkway provided to control gate. (Permit No.						
494, 1930). Included in the 1960 O&M manual and ABO 9363.						
FS Date: 3/18/2013						

Photo 2 of 3 : UCIP_SP_2017_10406_17665.jpg



Inlet in vegetated area off LS toe.

LM Start	34.72	Rating **	A/W	Issue No.	1597 (cont)
LM End	34.72	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_10406_17664.jpg



Concrete outlet and slide gate at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

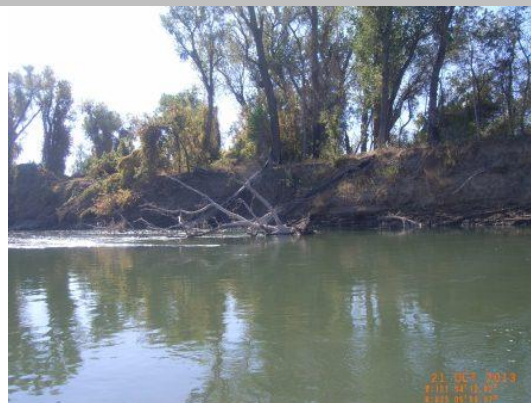
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	35.23	Rating **	A/W	Issue No.	1
LM End	35.33	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.099482 °	39.100836 °
				-121.903430 °	-121.904320 °
DWR ID	DWR_NA0016_01_s_2016_1				
Comment Code					
Inspector Comment					
1997 - Major scour off the downstream end of existing rock, creating a scour pocket where the levee starts diverging from the bankline. 2000 - Some minor erosion, 20 ft deep hole at downstream end. 2004 - Small amount of new erosion. 2010 - Bad transition off downstream end of rock revetment, some new erosion. 2012 - Site extended downstream, minor new erosion. 2013- Minor new erosion. 2015: No observed changes. [2015 Site ID: SAC_127-9_R]					

Photo 1 of 1 : SP_2017_NA0016_435_1_20170320_00001.jpg



USACE 2013 Photo #1

LM Start	35.66	Rating **	M	Issue No.	166
LM End	35.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.104908 °	39.104908 °
				-121.907487 °	-121.907487 °
DWR ID	DWR_NA0016_01_s_2017_166				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	35.69	Rating **	A/W	Issue No.	139
LM End	35.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.105381 °	39.105381 °
				-121.907770 °	-121.907770 °
DWR ID	DWR_NA0016_01_f_2015_139				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0016_435_139_20170320_00071.jpg



View of the dying tree on the waterward side of the levee looking upstream. Fall 2015.

LM Start	36.15	Rating **	M	Issue No.	1600
LM End	36.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.111233 °	39.111233 °
				-121.911450 °	-121.911450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10426 DS_ID:20345 EP_NO: 9374 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Verify if pipe is abandoned with landowner and remove or abandon properly if necessary. FIELD_STRUCT_DESC: *ABANDONED* 3 of 3: 24-inch concrete encased steel drain pipe through levee 17.0 feet below crown. Slide gate on concrete headwalls in waterward end, walkway to control gate and gate valve on landward end (ABO No. 9374, 1960). Originally included in the 1960 O&M manual. FS Date: 3/18/2013					

Photo 1 of 3 : UCIP_SP_2017_10426_17705.jpg



Slide gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	36.15	Rating **	M	Issue No.	1600 (cont)
LM End	36.15	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.111233 °	39.111233 °	
			-121.911450 °	-121.911450 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:10426
DS_ID:20345
EP_NO: 9374
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Verify if pipe is abandoned with landowner and remove or abandon properly if necessary.
FIELD_STRUCT_DESC: *ABANDONED* 3 of 3: 24-inch concrete encased steel drain pipe through levee 17.0 feet below crown. Slide gate on concrete headwalls in waterward end, walkway to control gate and gate valve on landward end (ABO No. 9374, 1960). Originally included in the 1960 O&M manual.
FS Date: 3/18/2013

LM Start	36.15	Rating **	M	Issue No.	1600 (cont)
LM End	36.15	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_10426_17704.jpg



Headwall and gate valve on LS toe buried but partially exposed.

Photo 3 of 3 : UCIP_SP_2017_10426_17703.jpg



Outlet/inlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	36.75	Rating **	M	Issue No.	170
LM End	36.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.119151 °	39.119151 °	
			-121.915198 °	-121.915198 °	
DWR ID	DWR_NA0016_01_s _ 2017_170				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	37.17	Rating **	M	Issue No.	171
LM End	37.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.121619 °	39.125943 °	
			-121.921586 °	-121.927253 °	
DWR ID	DWR_NA0016_01_s _ 2017_171				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	37.35	Rating **	M	Issue No.	172
LM End	39.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.123035 °	39.145030 °	
			-121.924417 °	-121.936604 °	
DWR ID	DWR_NA0016_01_s _ 2017_172				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	37.84	Rating **	M	Issue No.	174
LM End	39.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.128156 °	39.145029 °
				-121.930198 °	-121.936603 °
DWR ID	DWR_NA0016_01_s _ 2017_174				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	39.79	Rating **	M	Issue No.	177
LM End	40.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.143283 °	39.146938 °
				-121.929912 °	-121.918488 °
DWR ID	DWR_NA0016_01_s _ 2017_177				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	40.74	Rating **	M	Issue No.	189
LM End	42.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.147920 °	39.168533 °	
			-121.918405 °	-121.938301 °	
DWR ID	DWR_NA0016_01_s _ 2017_189				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	40.74	Rating **	M	Issue No.	187
LM End	42.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.147923 °	39.168533 °	
			-121.918408 °	-121.938301 °	
DWR ID	DWR_NA0016_01_s _ 2017_187				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	41.08	Rating **	A/W	Issue No.	1606
LM End	41.08	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.152347 °	39.152347 °
				-121.920610 °	-121.920610 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10535
DS_ID:20288
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch pipe through levee 19.0 feet below crown. 6-foot diameter CMP standpipe on the landward toe. Pump and 24-inch pipe on the landside. Slide gate in CMP riser on waterward slope. Concrete block wall at waterward toe for discharge line. Originally included in the 1960 O&M manual. Modified under permit No. 8587, 1973.
FS Date: 3/21/2013

LM Start	41.08	Rating **	A/W	Issue No.	1606 (cont)
LM End	41.08	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_10535_17877.jpg



Slide gate in CMP riser on WS slope.

Photo 2 of 3 : UCIP_SP_2017_10535_17876.jpg



6-foot diameter CMP riser with slide gates on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	42.73	Rating **	M	Issue No.	146 (cont)	
LM End	42.73	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			39.169949 °		39.169949 °
				-121.938664 °		-121.938664 °
DWR ID	DWR_NA0016_01_f_2015_146					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : SP_2017_NA0016_435_146_20170320_00072.jpg



Slope stability issue due to foot traffic. Fall 2016 inspection.

LM Start	42.90	Rating **	A/W	Issue No.	4
LM End	43.09	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.172501 °	39.174949 °
				-121.939053 °	-121.940737 °
DWR ID	DWR_NA0016_01_s_2016_4				
Comment Code					
Inspector Comment					
2010 - Lower portion of 136.7 that did not extend far enough. Abrupt transition from upstream site. 2012 - Site extended upstream, minor new erosion. 2013 - Minor new erosion at the toe. New tree popout. Downstream limit extended. 2015: No observed changes. [2015 Site ID: SAC_136-6_R]					

Photo 1 of 1 : SP_2017_NA0016_435_4_20170320_00004.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	43.26	Rating **	C	Issue No.	224
LM End	43.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.176631 °	39.176631 °
				-121.943146 °	-121.943146 °
DWR ID	DWR_NA0016_01_s _ 2016_224				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damaged due to grazing.					

No Photos

LM Start	43.53	Rating **	M	Issue No.	190
LM End	44.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.179664 °	39.192478 °
				-121.946279 °	-121.943941 °
DWR ID	DWR_NA0016_01_s _ 2017_190				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	43.53	Rating **	M	Issue No.	191
LM End	44.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.179665 °	39.195852 °
				-121.946279 °	-121.945545 °
DWR ID	DWR_NA0016_01_s _ 2017_191				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	44.90	Rating **	M	Issue No.	192
LM End	47.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.195916 °	39.188580 °
				-121.945615 °	-121.979355 °
DWR ID	DWR_NA0016_01_s _ 2017_192				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	45.66	Rating **	M	Issue No.	193
LM End	47.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.190837 °	39.188579 °
				-121.957320 °	-121.979353 °
DWR ID	DWR_NA0016_01_s _ 2017_193				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	46.97	Rating **	M	Issue No.	194
LM End	46.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.188198 °	39.188198 °	
			-121.978758 °	-121.978758 °	
DWR ID	DWR_NA0016_01_s _ 2017_194				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	47.16	Rating **	M	Issue No.	195
LM End	49.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.189816 °	39.213649 °	
			-121.981525 °	-121.999883 °	
DWR ID	DWR_NA0016_01_s _ 2017_195				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	47.16	Rating **	M	Issue No.	196
LM End	49.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.189816 °	39.213650 °	
			-121.981525 °	-121.999883 °	
DWR ID	DWR_NA0016_01_s _ 2017_196				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2017 03/22/2017	Zach Jojola

LM Start	47.62	Rating **	A/W	Issue No.	3
LM End	47.77	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.193769 °	39.195595 °
				-121.987901 °	-121.988621 °
DWR ID	DWR_NA0016_01_s_2016_3				
Comment Code					
Inspector Comment					
2010 - Old cobble site starting to unravel at toe. 2011 - Cobbles continue to unravel. 2013 - Site extended downstream to revetment. 2015: No observed changes. [2015 Site ID: SAC_141-5_R]					

Photo 1 of 1 : SP_2017_NA0016_435_3_20170320_00003.jpg



USACE 2013 Photo #1

LM Start	49.46	Rating **	M	Issue No.	19
LM End	49.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.213608 °	39.213869 °
				-121.997543 °	-121.999641 °
DWR ID	DWR_NA0016_01_s_2016_19				
Comment Code					
Inspector Comment					
2011 - Multiple scallops, one tree pop out. Old cobble site starting to unravel at midbank. 2012 - Mid bank slumping continues to worsen but cobble at the toe appears stable. 2015: No observed changes. [2015 Site ID: SAC_143-5_R]					

Photo 1 of 1 : SP_2017_NA0016_435_19_20170320_00018.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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